R. Rajagopal and L.C. Potter
A generic effective *Nullstellensatz* 1
M.A. Fiol
Spectral bounds and distance-regularity 17
J.L. Barlow, N. Bosner and Z. Drmač
A new stable bidiagonal reduction algorithm 35
M. Malik and S.R. Mohan
On $\mathbf{Q}$ and $\mathbf{R}_0$ properties of a quadratic representation in linear complementarity problems over the second-order cone 85
K. Nomura
Tridiagonal pairs and the Askey–Wilson relations 99
C. Estatico
A classification scheme for regularizing preconditioners, with application to Toeplitz systems 107
S.G. Walker
Improving bounds for nonmaximal eigenvalues of positive matrices . 133
A. Sandovici, H. de Snoo and H. Winkler
The structure of linear relations in Euclidean spaces 141
M.B. Bekker and A.A. Nudel'man
Tangential interpolation problems for a class of automorphic matrix-functions 171
J. Huang and J. Zhou
A direct proof and a generalization for a Kantorovich type inequality 185
L. Rodman and I.M. Spitkovsky
3×3 matrices with a flat portion on the boundary of the numerical range 193
S. Barik and S. Pati
On algebraic connectivity and spectral integral variations of graphs . 209
I.P.F. da Silva
Recursivity and geometry of the hypercube 223
D. Benkovič
Jordan derivations and antiderivations on triangular matrices 235
S. Fiorini, I. Gutman and I. Sciriha
Trees with maximum nullity 245

Table of Contents continues

Table of Contents continued

C.R. Johnson, R.D. Masson and M.W. Trosset
On the diagonal scaling of Euclidean distance matrices to doubly stochastic matrices 253
A.Y. Alfakih
On the uniqueness of Euclidean distance matrix completions: the case of points in general position 265
N.C. González
Additive perturbation results for the Drazin inverse 279
A.P. da Silva and A. Sri Ranga
Polynomials generated by a three term recurrence relation: bounds for complex zeros 299
X. Zhang
Additive preservers of rank on alternate matrix spaces over fields and applications 325
T. Furuta
A counterexample to the question proposed by Yanagi–Furuichi–Kuriyama on matrix inequalities and related counterexamples 345
C.-G. Cao and X. Zhang
Linear preservers between matrix modules over connected commutative rings 355
J. Zhu and C. Xiong
Generalized derivable mappings at zero point on some reflexive operator algebras 367
I. Bárány and K. Fukuda
A case when the union of polytopes is convex 381

Author index to volume 397 389

CONTENTS direct This journal is part of **ContentsDirect**, the ***free*** alerting service which sends tables of contents by e-mail for Elsevier books and journals. You can register for **ContentsDirect** online at: **http://contentsdirect.elsevier.com**

Available online at www.sciencedirect.com
SCIENCE DIRECT®
LINEAR ALGEBRA AND ITS APPLICATIONS
ELSEVIER Linear Algebra and its Applications 397 (2005) 389–390
www.elsevier.com/locate/laa

Author index to volume 397 (2005)

Alfakih, A.Y., On the uniqueness of Euclidean distance matrix completions: the case of points in general position 397 (2005) 265

Bárány, I. and K. Fukuda, A case when the union of polytopes is convex 397 (2005) 381
Barik, S. and S. Pati, On algebraic connectivity and spectral integral variations of graphs 397 (2005) 209
Barlow, J.L., N. Bosner and Z. Drmač, A new stable bidiagonal reduction algorithm 397 (2005) 35
Bekker, M.B. and A.A. Nudel'man, Tangential interpolation problems for a class of automorphic matrix-functions 397 (2005) 171
Benkovič, D., Jordan derivations and antiderivations on triangular matrices 397 (2005) 235
Bosner, N., see Barlow, J.L. 397 (2005) 35

Cao, C.-G. and X. Zhang, Linear preservers between matrix modules over connected commutative rings 397 (2005) 355

da Silva, A.P. and A. Sri Ranga, Polynomials generated by a three term recurrence relation: bounds for complex zeros 397 (2005) 299
da Silva, I.P.F., Recursivity and geometry of the hypercube 397 (2005) 223
de Snoo, H., see Sandovici, A. 397 (2005) 141
Drmač, Z., see Barlow, J.L. 397 (2005) 35

Estatico, C., A classification scheme for regularizing preconditioners, with application to Toeplitz systems 397 (2005) 107

Fiol, M.A., Spectral bounds and distance-regularity 397 (2005) 17
Fiorini, S., I. Gutman and I. Sciriha, Trees with maximum nullity 397 (2005) 245
Fukuda, K., see Bárány, I. 397 (2005) 381
Furuta, T., A counterexample to the question proposed by Yanagi–Furuichi–Kuriyama on matrix inequalities and related counterexamples 397 (2005) 345

González, N.C., Additive perturbation results for the Drazin inverse 397 (2005) 279
Gutman, I., see Fiorini, S. 397 (2005) 245

Huang, J. and J. Zhou, A direct proof and a generalization for a Kantorovich type inequality 397 (2005) 185

Johnson, C.R., R.D. Masson and M.W. Trosset, On the diagonal scaling of Euclidean distance matrices to doubly stochastic matrices 397 (2005) 253

Malik, M. and S.R. Mohan, On $\mathbf{Q}$ and $\mathbf{R}_0$ properties of a quadratic representation in linear complementarity problems over the second-order cone 397 (2005) 85
Masson, R.D., see Johnson, C.R. 397 (2005) 253
Mohan, S.R., see Malik, M. 397 (2005) 85

Nomura, K., Tridiagonal pairs and the Askey–Wilson relations 397 (2005) 99
Nudel'man, A.A., see Bekker, M.B. 397 (2005) 171

Pati, S., see Barik, S. 397 (2005) 209
Potter, L.C., see Rajagopal, R. 397 (2005) 1

Rajagopal, R. and L.C. Potter, A generic effective *Nullstellensatz* 397 (2005) 1
Rodman, L. and I.M. Spitkovsky, 3×3 matrices with a flat portion on the boundary of the numerical range 397 (2005) 193

Sandovici, A., H. de Snoo and H. Winkler, The structure of linear relations in Euclidean spaces 397 (2005) 141
Sciriha, I., see Fiorini, S. 397 (2005) 245
Spitkovsky, I.M., see Rodman, L. 397 (2005) 193
Sri Ranga, A., see da Silva, A.P. 397 (2005) 299

Elsevier Inc.
doi:10.1016/S0024-3795(05)00022-4

Trosset, M.W., see Johnson, C.R. 397 (2005) 253

Walker, S.G., Improving bounds for nonmaximal eigenvalues of positive matrices 397 (2005) 133
Winkler, H., see Sandovici, A. 397 (2005) 141

Xiong, C., see Zhu, J. 397 (2005) 367

Zhang, X., Additive preservers of rank on alternate matrix spaces over fields and applications 397 (2005) 325
Zhang, X., see Cao, C.-G. 397 (2005) 355
Zhou, J., see Huang, J. 397 (2005) 185
Zhu, J. and C. Xiong, Generalized derivable mappings at zero point on some reflexive operator algebras 397 (2005) 367